

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121219\
 Data File : VN059580.D
 Acq On : 12 Dec 2019 17:39
 Operator : JC/SP
 Sample : K6269-01 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 23810

Quant Time: Dec 13 05:53:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	267189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	431800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	400803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174352	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	192486	51.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.10%	
35) Dibromofluoromethane	7.57	113	135814	52.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.42%	
50) Toluene-d8	10.08	98	535328	50.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	189521	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	

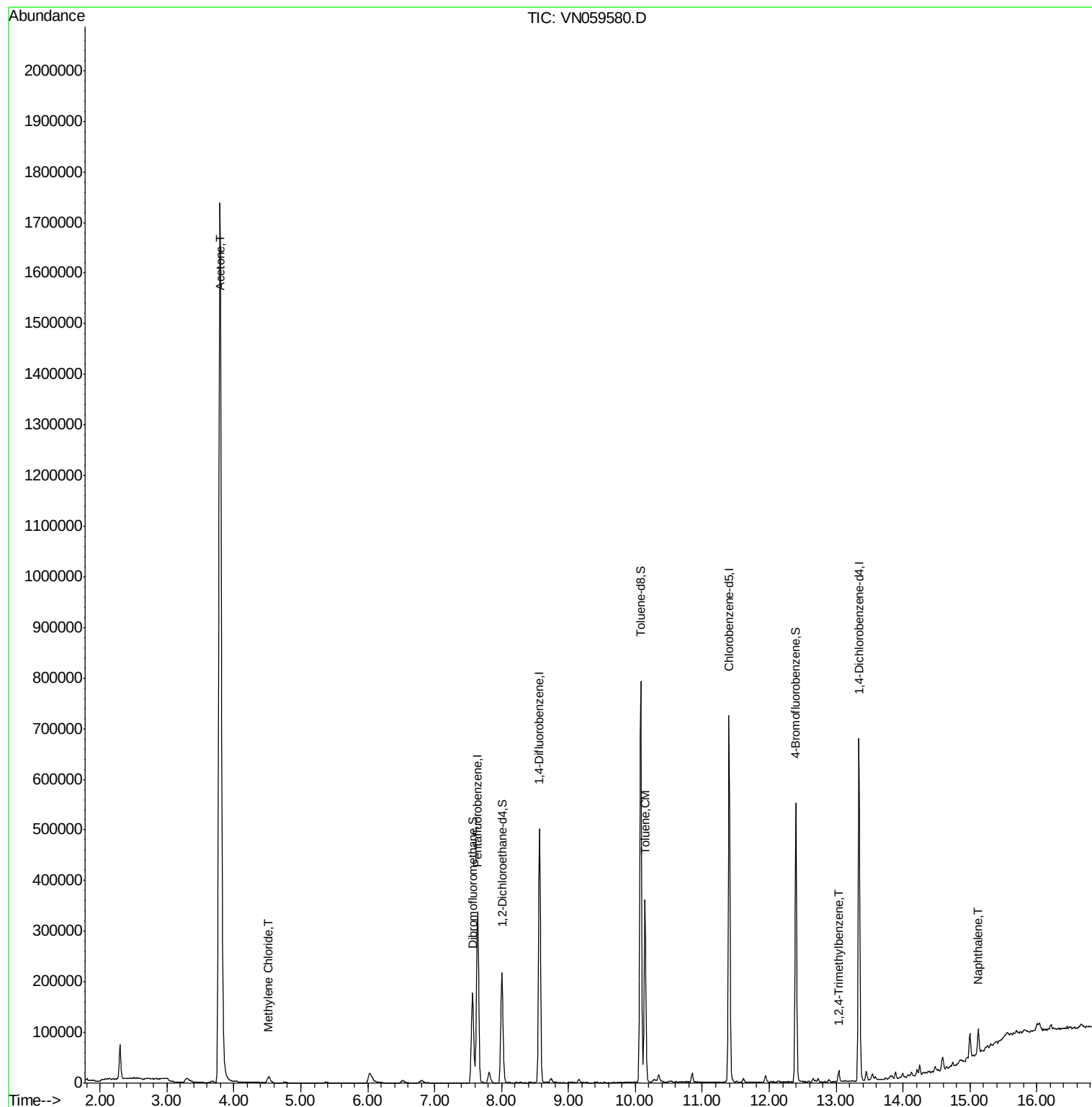
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	3133831	1796.465	ug/l	98
20) Methylene Chloride	4.52	84	8598	2.475	ug/l	96
52) Toluene	10.14	92	153881	20.407	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	13924	1.257	ug/l	94
95) Naphthalene	15.12	128	39123	3.438	ug/l	99

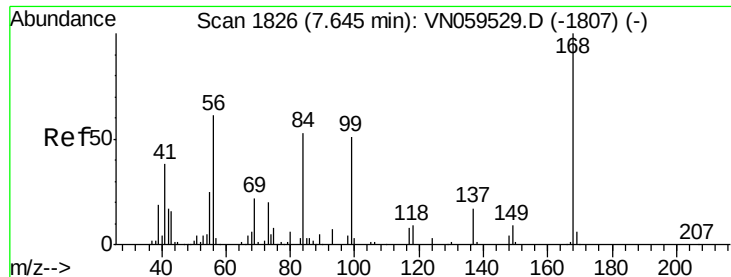
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059580.D

Acq: 12 Dec 2019 17:39

Instrument :

MSVOA_N

ClientSampled :

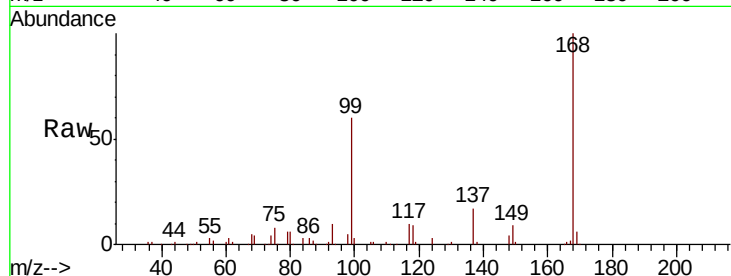
23810

Tot Ion:168 Resp: 267189

Ion Ratio Lower Upper

168 100

99 59.5 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

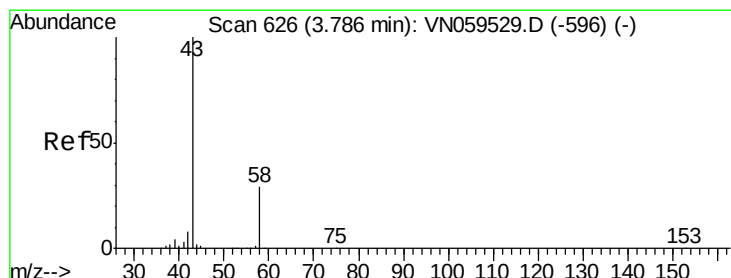
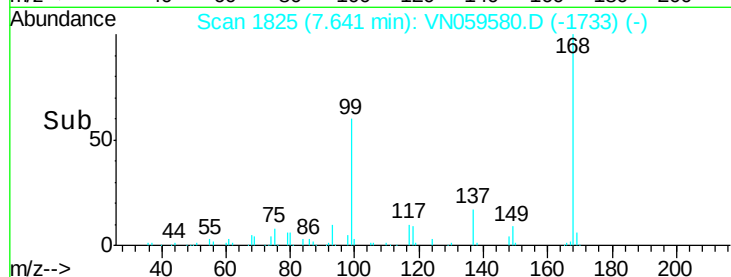
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1796.465 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059580.D

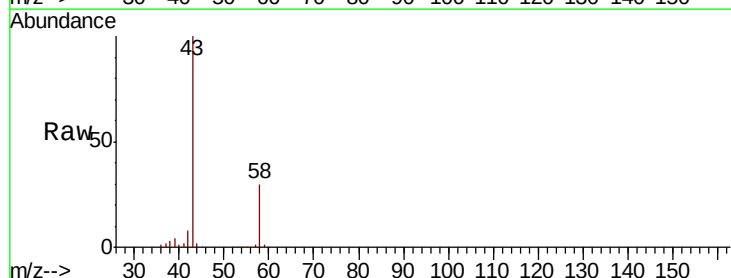
Acq: 12 Dec 2019 17:39

Tgt Ion: 43 Resp: 3133831

Ion Ratio Lower Upper

43 100

58 29.7 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

1200000

1000000

800000

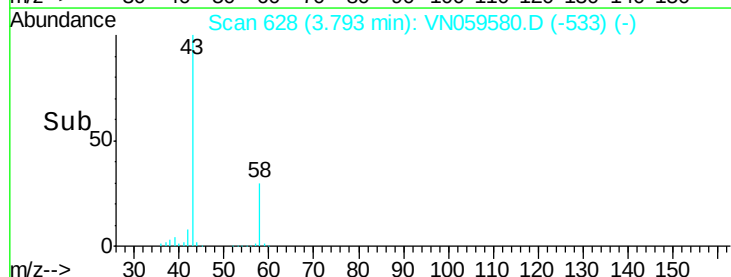
600000

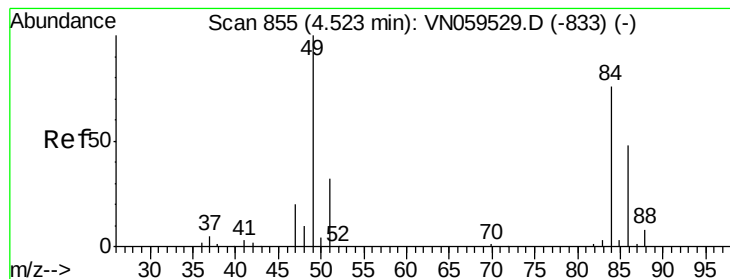
400000

200000

0

Time--> 3.60 3.80 4.00





#20

Methylene Chloride

Concen: 2.475 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN059580.D

Acq: 12 Dec 2019 17:39

Instrument :

MSVOA_N

ClientSampled :

23810

Tot Ion: 84 Resp: 8598

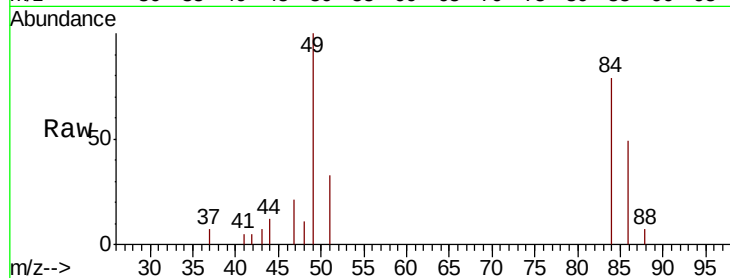
Ion Ratio Lower Upper

84 100

49 126.0 105.8 158.8

51 41.7 33.7 50.5

86 61.2 51.0 76.4

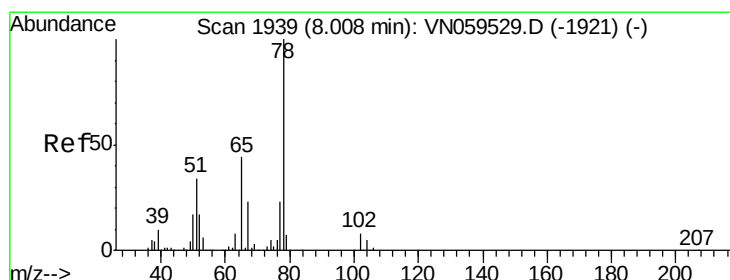
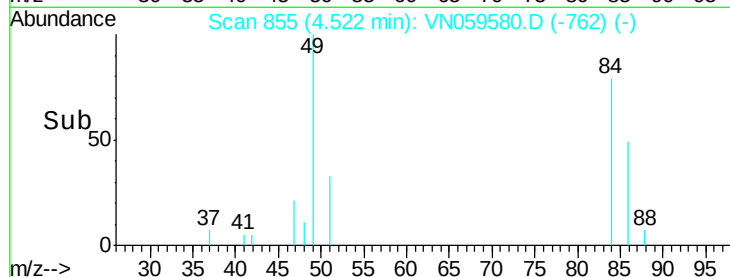
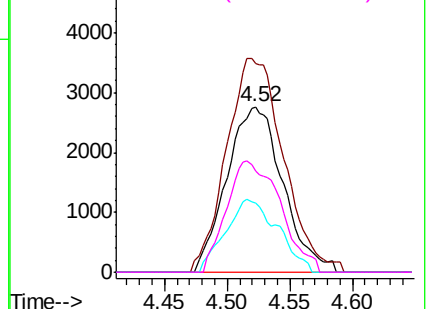


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.546 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059580.D

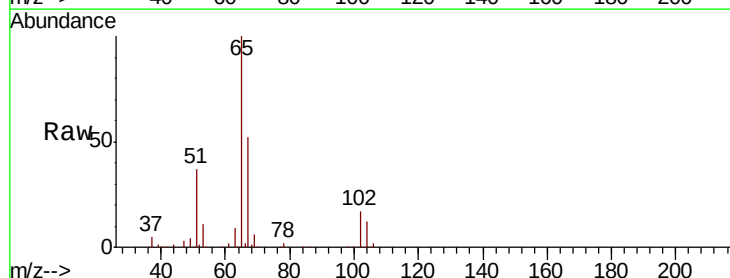
Acq: 12 Dec 2019 17:39

Tgt Ion: 65 Resp: 192486

Ion Ratio Lower Upper

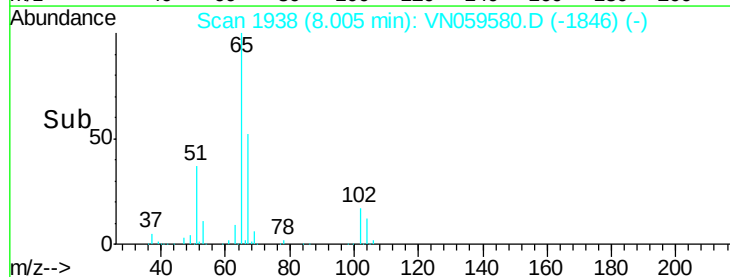
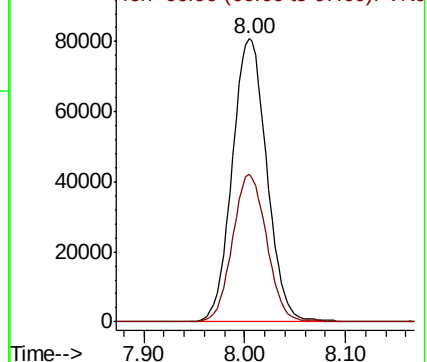
65 100

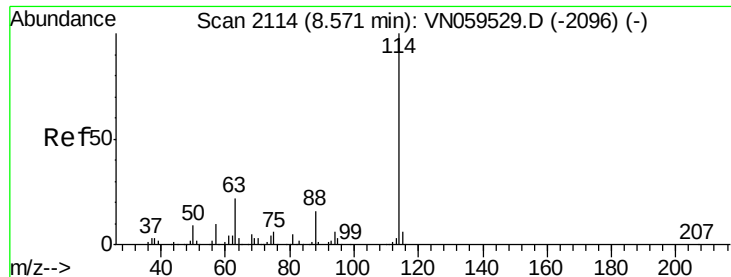
67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

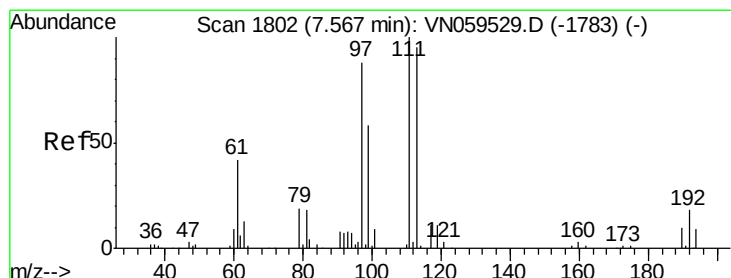
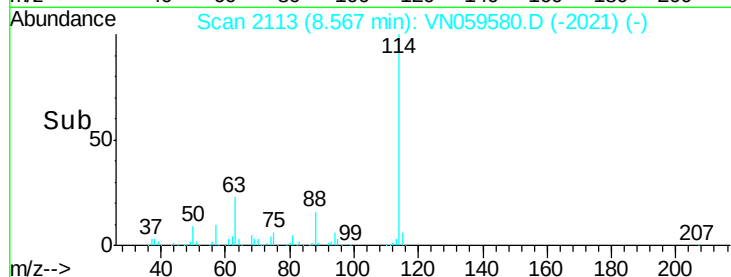
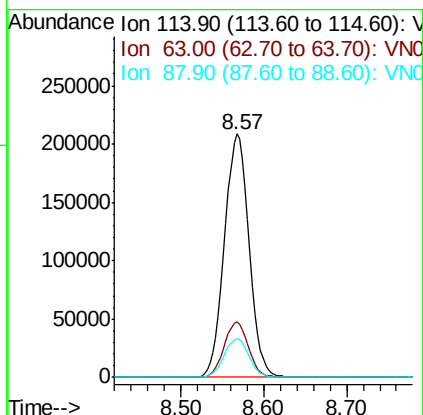
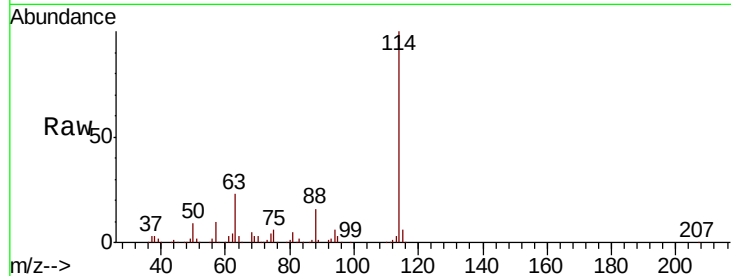




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059580.D
 Acq: 12 Dec 2019 17:39

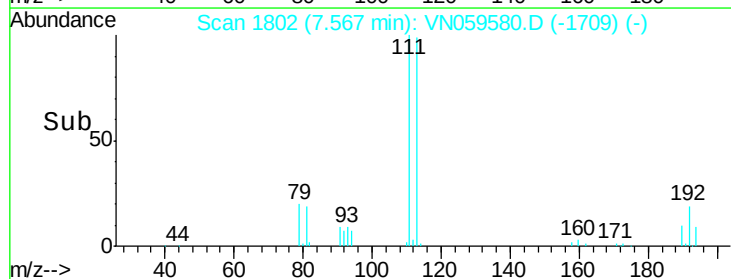
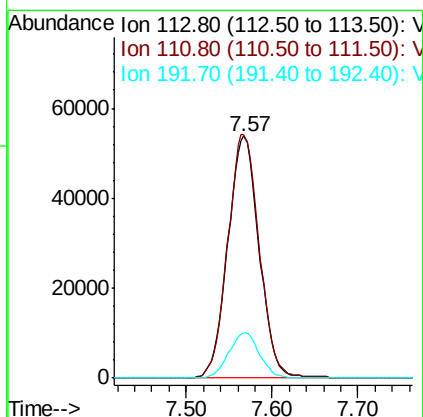
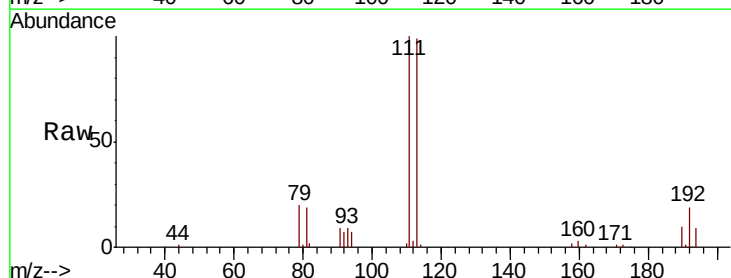
Instrument :
 MSVOA_N
 ClientSampled :
 23810

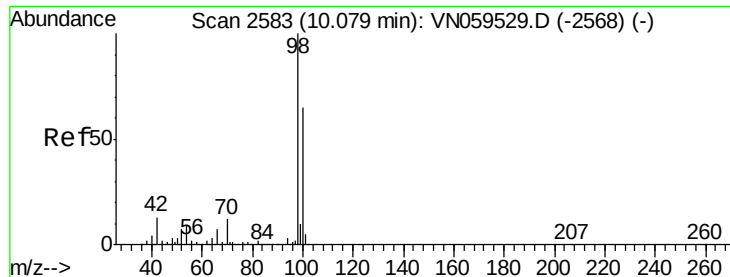
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.0
88	15.8	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.708 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059580.D
 Acq: 12 Dec 2019 17:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	18.3	14.8	22.2





#50

Toluene-d8

Concen: 50.888 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059580.D

Acq: 12 Dec 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

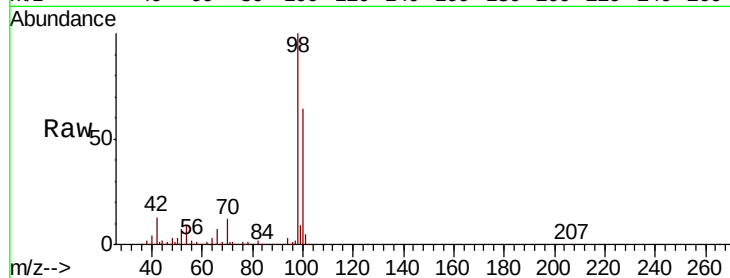
23810

Tot Ion: 98 Resp: 535328

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

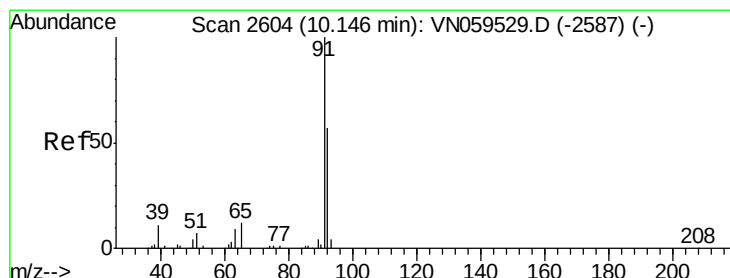
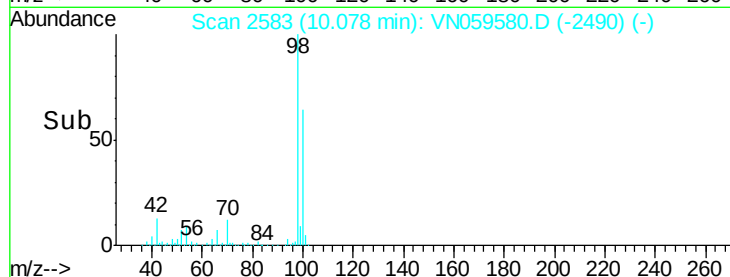
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.407 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059580.D

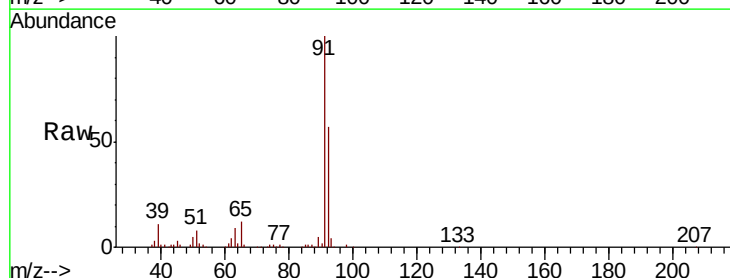
Acq: 12 Dec 2019 17:39

Tgt Ion: 92 Resp: 153881

Ion Ratio Lower Upper

92 100

91 174.9 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.14

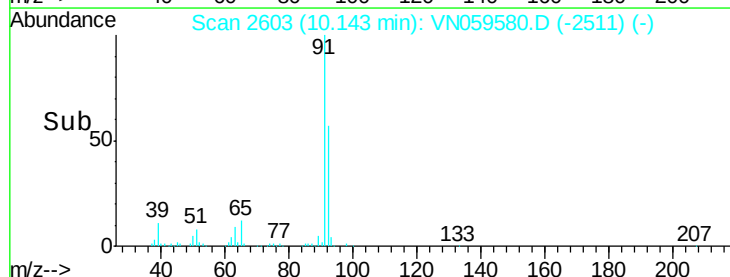
150000

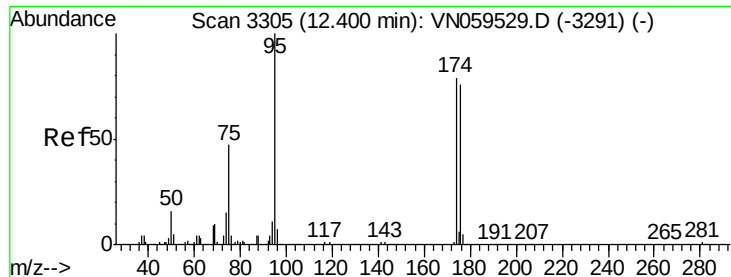
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 48.670 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059580.D

Acq: 12 Dec 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

23810

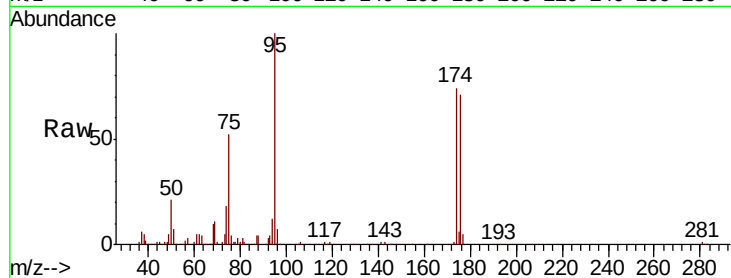
Tot Ion: 95 Resp: 189521

Ion Ratio Lower Upper

95 100

174 76.6 0.0 158.0

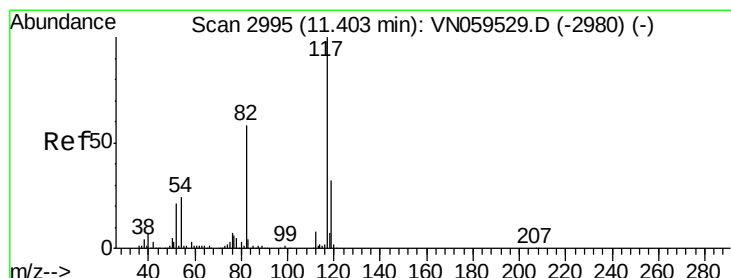
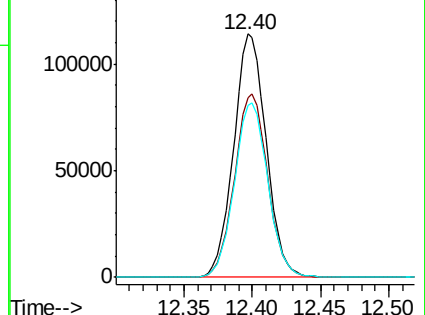
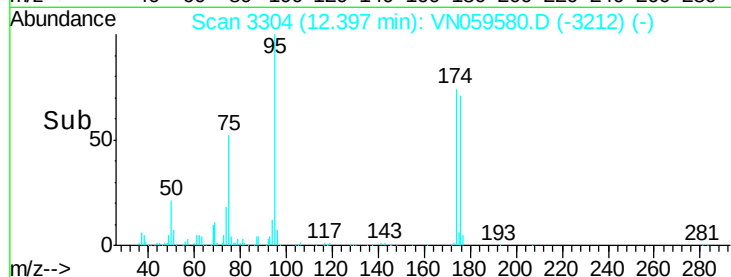
176 73.4 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN059580.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN059580.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN059580.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059580.D

Acq: 12 Dec 2019 17:39

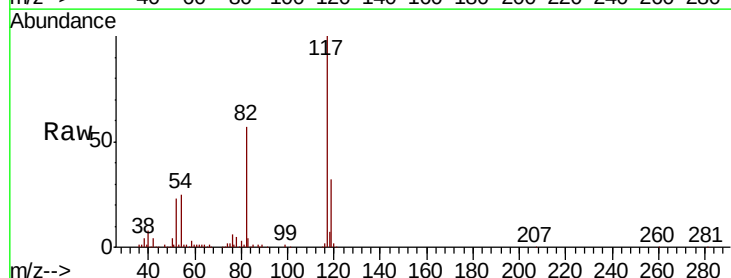
Tgt Ion: 117 Resp: 400803

Ion Ratio Lower Upper

117 100

82 57.3 46.5 69.7

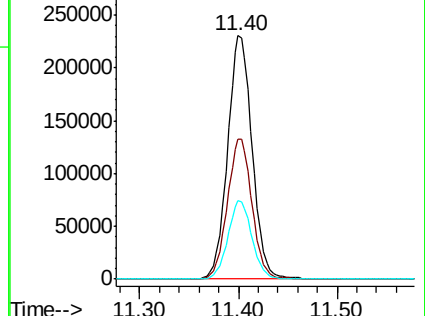
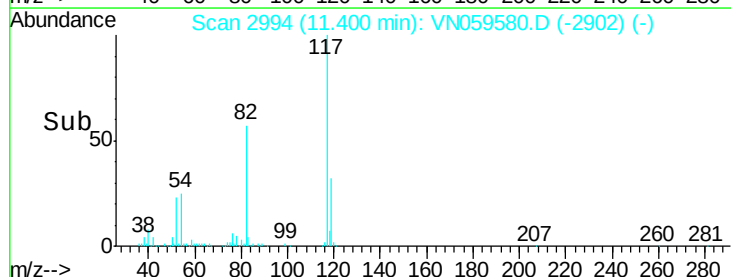
119 32.1 25.2 37.8

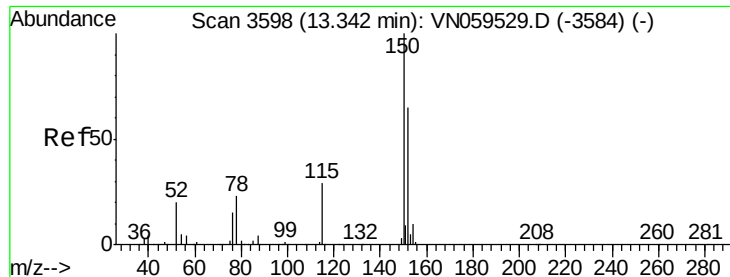


Abundance Ion 116.90 (116.60 to 117.60): VN059580.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN059580.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN059580.D (-2902) (-)



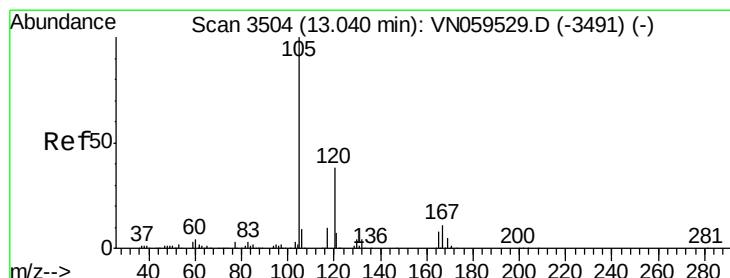
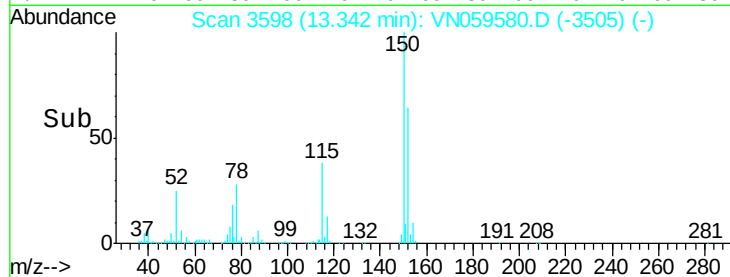
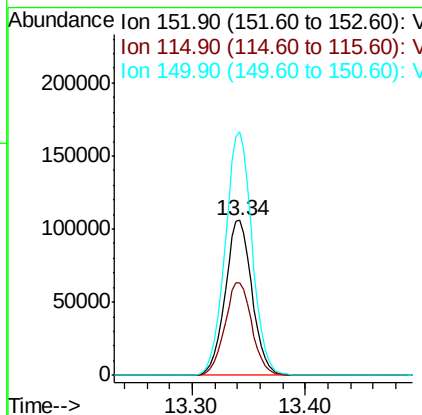
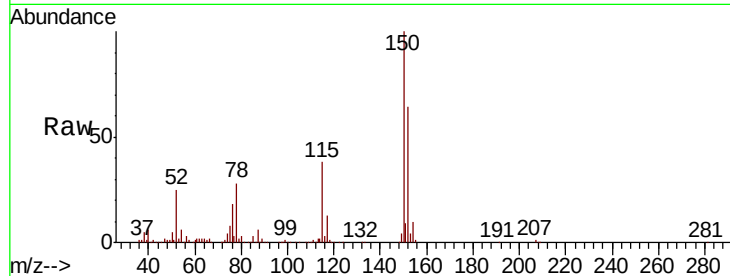


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN059580.D
Acq: 12 Dec 2019 17:39

Instrument :
MSVOA_N
ClientSampled :
23810

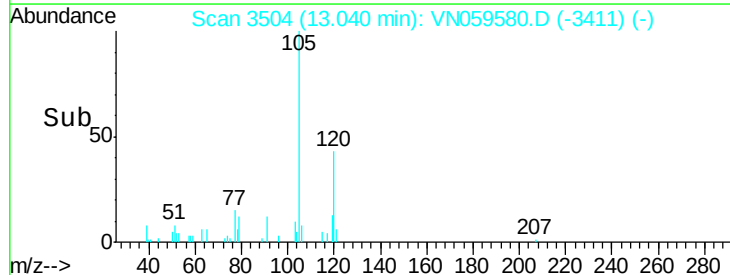
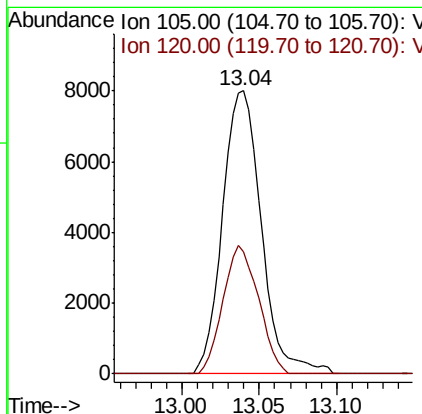
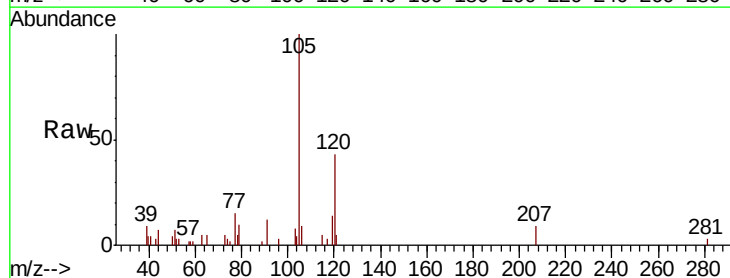
Tot Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.4	88.2
150	157.3	0.0	342.4

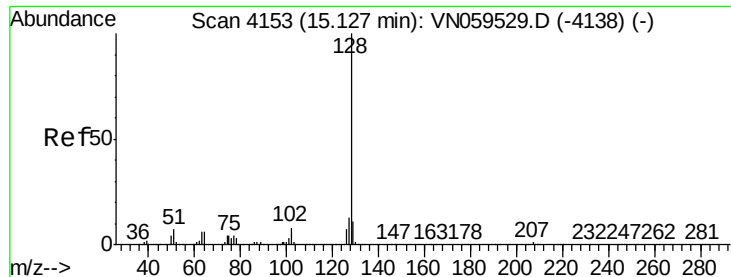


#84

1,2,4-Trimethylbenzene
Concen: 1.257 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN059580.D
Acq: 12 Dec 2019 17:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	41.4	22.8	68.3





#95

Naphthalene

Concen: 3.438 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. -0.00 min

Lab File: VN059580.D

Acq: 12 Dec 2019 17:39

Instrument :

MSVOA_N

ClientSampleId :

23810

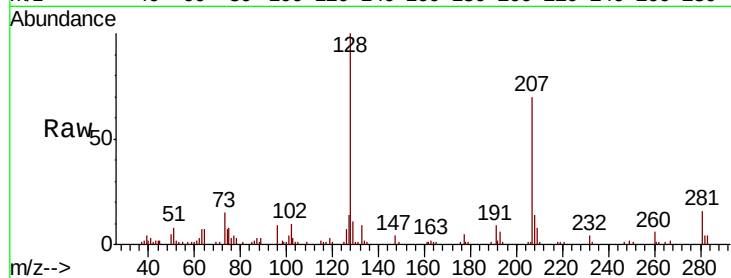
Tot Ion:128 Resp: 39123

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

